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## NEW DATA ON KEROPLATIDAE (DIPTERA, SCIAROIDEA) FROM RUSSIAN FAR EAST

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*Monocentrota sidorenkoi* **sp. n.** is described from South Primorye (Russia).  
New data on morphology and distribution of *Platyura nigricoxa* (Okada) are given.

KEY WORDS: Diptera, Keroplatidae, *Monocentrota*, *Platyura*, new species,  
Russian Far East.

**А. И. Зайцев. Новые данные по двукрылым семейства Keroplatidae  
(Diptera, Sciarioidea) с Дальнего Востока России // Дальневосточный  
энтомолог. 2005. N 149. С. 1-4.**

С юга Приморского края описан *Monocentrota sidorenkoi* **sp. n.** Приведены  
новые данные по морфологии и распространению *Platyura nigricoxa* (Okada).

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### INTRODUCTION

Twenty seven species of Keroplatidae have been described previously from  
Russian Far East (6 species of *Macrocera* Meigen, 5 species of *Keroplatus* Bosc, 1  
species of *Macrorrhyncha* Winnertz, 2 species of *Platyura* Meigen, 1 species of  
*Isonneuromyia* Brunetti, 2 species of *Neoplatyura* Malloch, 2 species of *Urytalpa*  
Edwards, 1 species of *Pyratula* Edwards, 7 species of *Orfelia* Costa (Zaitzev,  
1999). In material, which was given to me by Dr. V.S. Sidorenko (Vladivostok)  
who collected it in June 2001 in the south part of Primorskii krai, a new species of  
genus *Monocentrota* Edwards was discovered, as well as one species, *Platyura*

*nigricoxa* (Okada), which was known earlier only by author's descriptions (Okada, 1937; 1938a, b; 1939).

All specimens including holotype are deposited in A.N. Severtsov Institute of Ecology and Evolution, Russian Academy of Sciences (Moscow).

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## DESCRIPTIONS OF SPECIES

### *Monocentrotia sidorenkoi* A. Zaitzev, sp. n.

Figs 1–3

MATERIAL. Holotype – ♂, Russia, Primorskii krai, Kamenushka, Light trap, 16.VII 2001 (Sidorenko leg.). Paratypes – 1 ♂, 3 ♀, the same label.

DESCRIPTION. MALE. Head brownish, clypeus yellow, mouth parts and palpi brown; antennae light brown, sixth flagellar segment 2 times as long as wide. Apical segment of flagellum 2 times as long as preapical segment. Thorax yellowish brown. Mesonotum yellow with brown lateral spots and three longitudinal stripes bearing bristles. Scutellum brownish with row of long bristles. Wings clear; wing length 3.0 mm; *C* extended distinctly more than halfway from *R*<sub>5</sub> to *M*<sub>1</sub>. Halteres yellow. Legs yellow; fore tibia 1.4 times as long as fore basitarsus; mid tibia 1.2 times as long as mid basitarsus; hind tibia 1.5 times as long as hind basitarsus. Abdomen brown; tergites with yellow fore and hind margins. Genitalia yellow.

FEMALE. Similar to male. Ovipositor light brown.

RELATIONSHIPS. This species is close to *M. lundstroemi* Edwards, from which it is distinguished by the structure of the genitalia.

ETYMOLOGY. New species is named in honour of Dr. V.S. Sidorenko (Vladivostok, Russia) who collected material.

### *Platyura nigricoxa* (Okada, 1937)

Figs 4–6

*Apemon similis* Johnson f. *nigricoxa* Okada, 1937: 33.

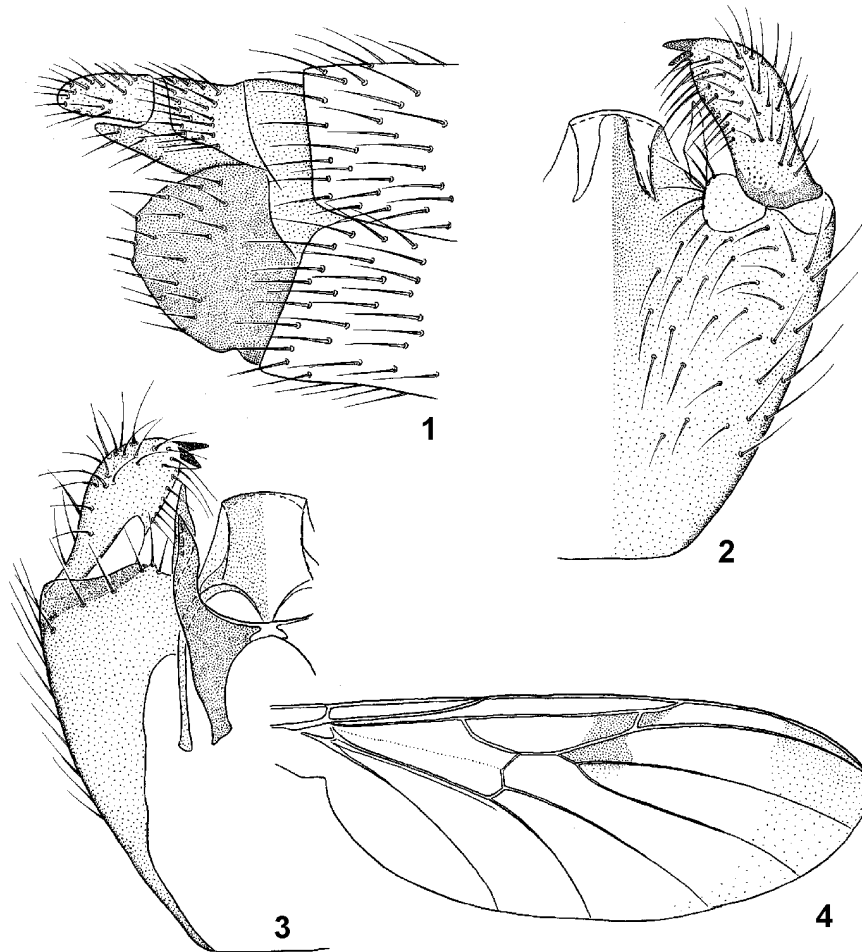
*Platyura nigricoxa*: Krivosheina & Mamaev, 1988: 207.

MATERIAL. 5 ♂, Russia: Primorye, Kamenushka, Malaise trap, 30.VI 2001 (Sidorenko leg.).

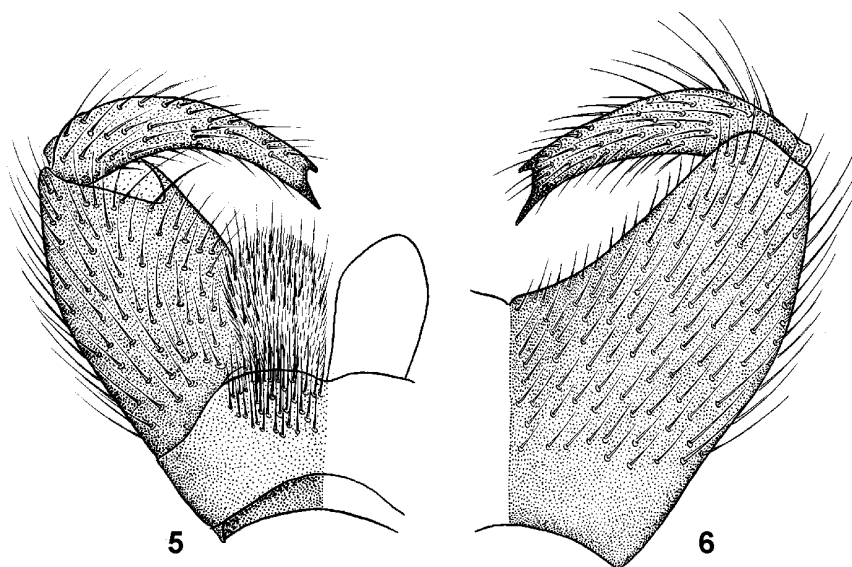
MALE. Head black; clypeus protruded forward, narrowed toward apex; mouth parts yellow; two basal segments of palpi brown, other ones yellowish brown; second palpal with round sensillae on external surface; antennae dark brown, gradually narrowed toward apex; sixth flagellar segment as long as wide; apical flagellar segment 1.3 times as long as preapical segment. Thorax dark brown; mesonotum shining with short bristles on lateral parts with two rows short dorsocentral bristles; scutellum with short bristles. Wing length 6.0–6.5 mm; wing with slightly darkened apical part and with dark band between *R*<sub>1</sub> and *M*<sub>1</sub> or *M*<sub>2</sub>; *C* ending at tip of *R*<sub>5</sub>; basal

cell with weak longitudinal fold; all longitudinal veins with macrotrichia. Legs yellowish brown; coxa yellow with brown basal parts; fore and mid femora yellow, hind femora with dark spots; tibia and tarsi brownish; fore tibia with 1 spur; mid and hind tibia with 2 spurs; fore tibia 1.2–1.3 times as long as fore basitarsus; mid tibia 1.2 times as long as mid basitarsus; hind tibia 1.7 times as long as hind basitarsus. Abdomen dark brown; tergite IV with yellow spot; genitalia dark brown.

FEMALE unknown.



Figs 1–4. *Monocentrotia sidorenkoi* sp. n. (1–3) and *Platyura nigricoxa* (Okada) (4): 1 – ovipositor; 2 – male genitalia ventrally; 3 – the same dorsally; 4 – wing.



Figs 5, 6. Male genitalia of *Platyura nigricoxa* Okada: 5 – dorsally; 6 – ventrally.

REMARKS. According Okada (1937; 1938a, b; 1939) *P. nigricoxa* is known from Hokkaido, South Kuril and Sakhalin. This species is distinguished from European *P. marginata* (Meigen) by the having of dark markings on the wing.

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